

Progress Report

Week of 10/8/18

Problems: See Kelsey's section

Alex Goodman

Work/Research Accomplished:

- Finished preliminary deliverables
 - Presentation
 - Report
 - Lab archives
 - Peer Evaluations
- Focused on articulating problem statement and describing ACS clearly in presentation and report

Problems:

- n/a

Will Bacon

Work/Research Accomplished:

- See Alex's section
 - I focused on preliminary design descriptions and figures

Problems:

- N/A

Mark Austin

Work/Research Accomplished:

- See Alex's section above
 - Focused on background science and the work of past BME teams

Problems/Concerns:

- None as of right now

Kelsey Murphy

Work/Research Accomplished

- See Alex's section above
 - Focused on design evaluation and future work sections
- Received more information from technical services at ThermoFisher:
 - She recommended not using BCECF. They have characterized it in tissue, but it would be very difficult to immobilize because it doesn't have terminal groups commonly used to bind molecules to surfaces

- She offered some resources on ThermoFisher's pHrodo line of indicators - I forwarded the email to Will and we'll be looking through it to see if we can find a more suitable indicator.

Problems

- BCECF has been eliminated as an indicator, which means we don't currently have one.